

# ANELEX 5000 PRINTER

The Anelex 5000 is a high-speed line printer that provides clean, crisp, hard copy on a wide variety of business forms at speeds of up to 1250 lines per minute. Planned with the operator in mind the 5000 incorporates many unique features

for ease in setup and operation.

5000 consoles utilize only solid state control electronics of advanced design. Buffer/Controllers are available for use with almost any computer I/O Interface.

## General Description

The Anelox 5000 is a high-speed, rotating drum, *on-the-fly*, impact printer. A revolving print drum with from 80 to 160 columns of engraved characters around its periphery presents the full font of characters to electromagnetically actuated hammers once during each revolution. One hammer is provided for each column. As the character desired approaches the print position, the hammer is energized and strikes the form together with an inked ribbon against the engraving.

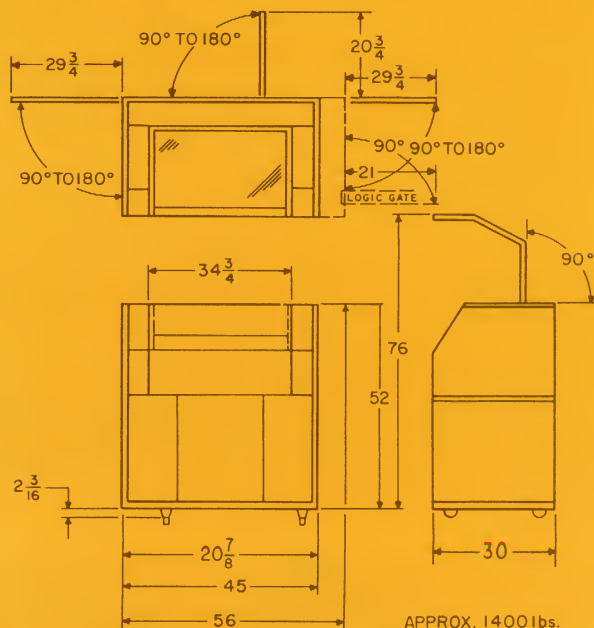
## Physical Characteristics

The Analex 5000 is housed in a free standing console cabinet designed in keeping with the modern trend towards clean, unbroken lines. Removable panels on the front, sides and rear of the cabinet provide easy access to all parts and assemblies to facilitate maintenance. The printer and paper feed mechanism is protected by a hinged sound-retarding cover. All operating controls are located on a control panel at the left side of the console. A duplicate set of the most commonly used controls are located at the rear of the cabinet. The print drum is mounted on a fast-swinging motor-driven yoke which swings the entire print drum away from the printer position to facilitate paper loading. The yoke drive motor is actuated by two switches, one each for the left and right hands, for operation protection.

Forms are advanced through the printer on pin-fed tractors. These are adjustable for proper registration, tension, and form size. Forms from 4" to 20" wide may be accommodated.

Form skipping is controlled by a continuous loop punched tape, the length of which (in line increments) is equal to the length of the form and which advances with the forms.

Either of two form feeding speeds is available, 25 or 75 inches per second. All necessary alarms and interlocks are provided.



## Anelex Series 5000 Specifications

|                                         |                                                                                                                                                                                                                                              |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Printing Speed .....                    | 600 and 1250 lpm.                                                                                                                                                                                                                            |
| Columns .....                           | Available from 80 to 160 columns                                                                                                                                                                                                             |
| Characters .....                        | 64 (standard) (96 and 128 optional)                                                                                                                                                                                                          |
| Font .....                              | Anelex Gothic (alternate fonts available)                                                                                                                                                                                                    |
| Drum Speed .....                        | 625 and 1250 rpm.                                                                                                                                                                                                                            |
| Type .....                              | Skewed or straight                                                                                                                                                                                                                           |
| Frame .....                             | Constructed of rugged welded steel rectangular tubing                                                                                                                                                                                        |
| Print Drum .....                        | Modular cylindrical segments, containing several columns of engraved characters on the periphery of each segment, mounted on a common shaft. 64 characters standard. 96 and 128 characters optional.                                         |
| Forms .....                             | One to six parts, 4" to 20" edge-to-edge edge-punched fanfolded continuous forms                                                                                                                                                             |
| Paper Feed .....                        | Dual tractor system driven by main drive motor through an electromagnetically operated single clutch/brake mechanism. 6 or 8 lpi spacing increments. Single line slew mode of 25 inches/sec. Multiple line slew mode of 25 or 75 inches/sec. |
| Tape Control Vertical Format Unit ..... | Closed loop of tape moves with form and provides 2, 8, or 12 channels.                                                                                                                                                                       |
| Ribbons .....                           | Drive energized for specific period for each print line. Ribbon moves continuously for full speed operation. Travel is automatically reversed when end of ribbon is reached.                                                                 |
| Character Identification .....          | Code wheel mounted on print drum identifies each character photo-electrically. Code specified by customer.                                                                                                                                   |
| Hammers .....                           | Electromagnetically actuated. Feature Anelex unique, proven Penetration Control.                                                                                                                                                             |
| Power .....                             | 115 v, 60 cps, 1 phase<br>208 v, 60 cps, 3 phase (4 wire)<br>230 v, 50 cps, 1 phase                                                                                                                                                          |
| <b>Standard Signals:</b>                |                                                                                                                                                                                                                                              |
| Input .....                             | Logic 1    0.0 v $\pm$ 0.5 vdc<br>Logic 0    -3.0 v $\pm$ 0<br>- 17 vdc                                                                                                                                                                      |
| Output .....                            | Logic 1    0.0 v $\pm$ 0.5 v<br>Logic 0    -6.0 v $\pm$ 0.5 v<br>- 0.9 v                                                                                                                                                                     |

### Note

These specifications are subject to change without notice.



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